Tricyclic Antidepressant Drugs

Analysis of tricyclic antidepressant drugs

Column: 4.6 x 75 mm Zorbax Eclipse XDB-C18, 3.5 μm
Mobile phase: A = 0.025M KH₂PO₄ in water (pH = 7), B = methanol
Flow rate: 1.0 ml/min
Gradient: at 0 min 57 % B
          at 15 min 85 % B
          at 17 min 67 % B
Column wash: at 17 min 67 % B
UV detector: variable wavelength detector
            210 nm, standard cell
Column compartment temperature: 40 °C
Stop time: 17 min
Post time: 10 min
Injection volume: 5 μl

Analysis of doxepine in ‘Aponal 100’ tablets